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TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>		Application Number	10/816,474
		Filing Date	March 31, 2004
		First Named Inventor	Miguel A. Sepulveda
		Group Art Unit Number	2671
		Examiner Name	Not yet known
Total Number of Pages in This Submission	6*	Attorney Docket Number	23564-07907

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Miguel A. Sepulveda
APPLICATION NO.: 10/816,474
FILING DATE: March 31, 2004
TITLE: Character Deformation Pipeline for Computer-Generated Animation
EXAMINER: Not yet known
GROUP ART UNIT: 2671
ATTY. DKT. NO.: 23564-07907

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INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

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- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:
 - ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
 - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
 - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated

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under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. _____, filed on _____, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☒ This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
Michael A. Sepulveda

Dated: SEP 20/04

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Substitute for form 1449A/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT SEP 22 2004 PATENT & TRADEMARK OFFICE		Application No.	10/816,474	
		Filing Date	March 31, 2004	
		First Named Inventor	Miguel A. Sepulveda	
		Art Unit	2671	
		Examiner Name	Not yet known	
Sheet	of	2	Attorney Docket Number	23564-07907

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-6,489,960 B2	12-03-2002	DeRose et al.
		US-6,300,960 B1	10-09-2001	DeRose et al.
		US-6,222,553 B1	04-24-2001	DeRose et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		BIERMANN, HENNING, ET AL., "Piecewise Smooth Subdivision Surfaces With Normal Control", Proceedings of the 27 th International Conference on Computer Graphics and Interactive Techniques, New Orleans, Louisiana, 2000, pp. 113-120.	
		CATMULL, E. ET AL., "Recursively Generated B-Spline Surfaces on Arbitrary Topological Meshes", Computer Aided Design, Vol. 10, No. 6, pp. 350-355, November 1978.	
		FORSEY, D. R. ET AL., "Surface Fitting with Hierarchical Splines," ACM Transactions on Graphics, Vol. 14, No. 2, April 1995, Pages 134-161.	
		GUIBAS, LEONIDAS, ET AL., "Primitives for the Manipulation of General Subdivisions and the Computation of Voronoi Diagrams," ACM Transactions on Graphics, Vol. 4, No. 2, April 1985, pp. 74-123.	
		LEE, AARON, ET AL., "Displaced Subdivision Surfaces", Proceedings of the 27 th International Conference on Computer Graphics and Interactive Techniques, New Orleans, Louisiana, 2000, pp. 85-94.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

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23564/07907/DOCS/1466217.1

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		First Named Inventor	Miguel A. Sepulveda
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		Examiner Name	Not yet known
		Attorney Docket Number	23564-07907
Sheet	2	of	2

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		LOOP, CHARLES TEORELL, "Smooth Subdivision Surfaces Based on Triangles", Master's thesis, Department of Mathematics, The University of Utah, August 1987, pp. 1-60.	
		MACCRACKEN, RON, ET AL., "Free-Form Deformations With Lattices of Arbitrary Topology", Proceedings of the 23 rd International Conference on Computer Graphics and Interactive Techniques, 1996, pp. 181-190.	
		ZORIN, DENIS, ET AL., "Course 23: Subdivision for Modeling and Animation at the 27 th International Conference on Computer Graphics and Interactive Techniques," SIGGRAPH 2000 Course Notes, New Orleans, Louisiana, 2000.	

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